

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/060,609

DATE: 04/23/98
TIME: 14:55:12

INPUT SET: S25254.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

- SEQUENCE LISTING
- ENT
- (1) General Information:
- (i) APPLICANT: Ozenberger, Brad A.
Jacobsen, J. S.
Kajkowski, Eileen
- (ii) TITLE OF INVENTION: B-Amyloid Peptide-Binding Proteins and Polynucleotides Encoding the Same
- (iii) NUMBER OF SEQUENCES: 2
- (iv) CORRESPONDENCE ADDRESS:
- (A) ADDRESSEE: American Home Products
(B) STREET: One Campus Drive
(C) CITY: Parsippany
(D) STATE: NJ
(E) COUNTRY: USA
(F) ZIP: 07054
- (v) COMPUTER READABLE FORM:
- (A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
- (A) APPLICATION NUMBER: US
(B) FILING DATE:
(C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
- (A) NAME: Walsh, Andrea C.
(B) REGISTRATION NUMBER: 34,988
(C) REFERENCE/DOCKET NUMBER: 98126
- (ix) TELECOMMUNICATION INFORMATION:
- (A) TELEPHONE: 973-683-2169
(B) TELEFAX: 973-683-4117
- (2) INFORMATION FOR SEQ ID NO:1:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 810 base pairs

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47	(B) TYPE: nucleic acid																		
48	(C) STRANDEDNESS: single																		
49	(D) TOPOLOGY: linear																		
50																			
51	(ii) MOLECULE TYPE: mRNA																		
52																			
53																			
54	(ix) FEATURE:																		
55	(A) NAME/KEY: CDS																		
56	(B) LOCATION: 1..807																		
57																			
58																			
59	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:																		
60																			
61	ATG	CAT	ATT	TTA	AAA	GGG	TCT	CCC	AAT	GTG	ATT	CCA	CGG	GCT	CAC	GGG	48		
62	Met	His	Ile	Leu	Lys	Gly	Ser	Pro	Asn	Val	Ile	Pro	Arg	Ala	His	Gly			
63	1				5					10					15				
64																			
65	CAG	AAG	AAC	ACG	CGA	AGA	GAC	GGA	ACT	GGC	CTC	TAT	CCT	ATG	CGA	GGT	96		
66	Gln	Lys	Asn	Thr	Arg	Arg	Asp	Gly	Thr	Gly	Leu	Tyr	Pro	Met	Arg	Gly			
67				20				25						30					
68																			
69	CCC	TTT	AAG	AAC	CTC	GCC	CTG	TTG	CCC	TTC	TCC	CTC	CCG	CTC	CTG	GGC	144		
70	Pro	Phe	Lys	Asn	Leu	Ala	Leu	Leu	Pro	Phe	Ser	Leu	Pro	Leu	Leu	Gly			
71			35				40						45						
72																			
73	GGA	GGC	GGA	AGC	GGA	AGT	GGC	GAG	AAA	GTG	TCG	GTC	TCC	AAG	ATG	GCG	192		
74	Gly	Gly	Gly	Ser	Gly	Ser	Gly	Glu	Lys	Val	Ser	Val	Ser	Lys	Met	Ala			
75		50					55					60							
76																			
77	GCC	GCC	TGG	CCG	TCT	GGT	CCG	TCT	GCT	CCG	GAG	GCC	GTG	ACG	GCC	AGA	240		
78	Ala	Ala	Trp	Pro	Ser	Gly	Pro	Ser	Ala	Pro	Glu	Ala	Val	Thr	Ala	Arg			
79	65					70				75						80			
80																			
81	CTC	GTT	GGT	GTC	CTG	TGG	TTC	GTC	TCA	GTC	ACT	ACA	GGA	CCC	TGG	GGG	288		
82	Leu	Val	Gly	Val	Leu	Trp	Phe	Val	Ser	Val	Thr	Thr	Gly	Pro	Trp	Gly			
83					85				90						95				
84																			
85	GCT	GTT	GCC	ACC	TCC	GCC	GGG	GGC	GAG	GAG	TCG	CTT	AAG	TGC	GAG	GAC	336		
86	Ala	Val	Ala	Thr	Ser	Ala	Gly	Gly	Glu	Glu	Ser	Leu	Lys	Cys	Glu	Asp			
87				100				105					110						
88																			
89	CTC	AAA	GTG	GGA	CAA	TAT	ATT	TGT	AAA	GAT	CCA	AAA	ATA	AAT	GAC	GCT	384		
90	Leu	Lys	Val	Gly	Gln	Tyr	Ile	Cys	Lys	Asp	Pro	Lys	Ile	Asn	Asp	Ala			
91			115					120					125						
92																			
93	ACG	CAA	GAA	CCA	GTT	AAC	TGT	ACA	AAC	TAC	ACA	GCT	CAT	GTT	TCC	TGT	432		
94	Thr	Gln	Glu	Pro	Val	Asn	Cys	Thr	Asn	Tyr	Thr	Ala	His	Val	Ser	Cys			
95		130					135					140							
96																			
97	TTT	CCA	GCA	CCC	AAC	ATA	ACT	TGT	AAG	GAT	TCC	AGT	GGC	AAT	GAA	ACA	480		
98	Phe	Pro	Ala	Pro	Asn	Ile	Thr	Cys	Lys	Asp	Ser	Ser	Gly	Asn	Glu	Thr			
99	145					150				155						160			

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100																	
101	CAT	TTT	ACT	GGG	AAC	GAA	GTT	GGT	TTT	TTC	AAG	CCC	ATA	TCT	TGC	CGA	528
102	His	Phe	Thr	Gly	Asn	Glu	Val	Gly	Phe	Phe	Lys	Pro	Ile	Ser	Cys	Arg	
103				165						170					175		
104																	
105	AAT	GTA	AAT	GGC	TAT	TCC	TAC	AAA	GTG	GCA	GTC	GCA	TTG	TCT	CTT	TTT	576
106	Asn	Val	Asn	Gly	Tyr	Ser	Tyr	Lys	Val	Ala	Val	Ala	Leu	Ser	Leu	Phe	
107				180					185					190			
108																	
109	CTT	GGA	TGG	TTG	GGA	GCA	GAT	CGA	TTT	TAC	CTT	GGA	TAC	CCT	GCT	TTG	624
110	Leu	Gly	Trp	Leu	Gly	Ala	Asp	Arg	Phe	Tyr	Leu	Gly	Tyr	Pro	Ala	Leu	
111			195					200					205				
112																	
113	GGT	TTG	TTA	AAG	TTT	TGC	ACT	GTA	GGG	TTT	TGT	GGA	ATT	GGG	AGC	CTA	672
114	Gly	Leu	Leu	Lys	Phe	Cys	Thr	Val	Gly	Phe	Cys	Gly	Ile	Gly	Ser	Leu	
115			210				215					220					
116																	
117	ATT	GAT	TTC	ATT	CTT	ATT	TCA	ATG	CAG	ATT	GTT	GGA	CCT	TCA	GAT	GGA	720
118	Ile	Asp	Phe	Ile	Leu	Ile	Ser	Met	Gln	Ile	Val	Gly	Pro	Ser	Asp	Gly	
119		225				230					235					240	
120																	
121	AGT	AGT	TAC	ATT	ATA	GAT	TAC	TAT	GGA	ACC	AGA	CTT	ACA	AGA	CTG	AGT	768
122	Ser	Ser	Tyr	Ile	Ile	Asp	Tyr	Tyr	Gly	Thr	Arg	Leu	Thr	Arg	Leu	Ser	
123					245					250					255		
124																	
125	ATT	ACT	AAT	GAA	ACA	TTT	AGA	AAA	ACG	CAA	TTA	TAT	CCA	TAA			810
126	Ile	Thr	Asn	Glu	Thr	Phe	Arg	Lys	Thr	Gln	Leu	Tyr	Pro				
127				260					265								
128																	
129																	
130	(2)	INFORMATION FOR SEQ ID NO:2:															
131																	
132	(i)	SEQUENCE CHARACTERISTICS:															
133		(A) LENGTH: 269 amino acids															
134		(B) TYPE: amino acid															
135		(D) TOPOLOGY: linear															
136																	
137	(ii)	MOLECULE TYPE: protein															
138																	
139	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:2:															
140																	
141	Met	His	Ile	Leu	Lys	Gly	Ser	Pro	Asn	Val	Ile	Pro	Arg	Al			

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[illegible]

Variable	Mean	SD	Min	Max
Age	35.2	12.5	18	65
Gender	Male	Female		
Marital status	Married	Single		
Education	High school	College		
Occupation	Manager	Worker		
Income	\$10,000	\$20,000		
Health status	Good	Fair		
Exercise frequency	Weekly	Monthly		
Stress level	Low	High		
Sleep quality	Good	Poor		
Dietary habits	Healthy	Unhealthy		
Alcohol consumption	None	Occasional		
Tobacco use	Non-smoker	Smoker		
Family size	2	3		
Work hours	40	50		
Commuting time	30	45		
Home ownership	Owner	Renter		
Neighborhood safety	Safe	Unsafe		
Access to green spaces	Yes	No		
Proximity to public transport	Close	Far		
Local amenities	Many	Few		
Community involvement	Active	Passive		
Perceived quality of life	High	Low		

DATE: 04/23/98
TIME: 14:55:18

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Line	Error	Original Text
29	Wrong application Serial Number	(A) APPLICATION NUMBER: US

Figure 1 displays 15 histograms showing the distribution of the number of non-zero elements in the vector x for different values of n . The histograms are arranged vertically, with n values ranging from 10 to 100. Each histogram has 'Number of non-zero elements' on the x-axis and 'Frequency' on the y-axis. The distributions are roughly bell-shaped and centered around $n/2$.